

Please amend claims 1, 6-19, and 45 as follows:

D¹ 1. (Twice Amended) An isolated nucleic acid molecule[s] comprising a labeled polynucleotide sequence that [specifically] hybridizes under stringent conditions to a sequence or to a complement of a sequence selected from the group consisting of SEQ. ID. No. 2, SEQ. ID. No.3, SEQ. ID. No.4, SEQ. ID. No.5, SEQ. ID. No.6, SEQ. ID. No.7, SEQ. ID. No.8, SEQ. ID. No.9, and SEQ. ID. No.10[, and SEQ. ID. No. 12], wherein said stringent conditions comprise a 0.02 molar salt concentration and a temperature of at least 60°C.

6. (Once amended) The isolated nucleic acid of claim 1, wherein [the subsequence]said polynucleotide sequence [specifically] hybridizes under said stringent conditions to a complement of SEQ. ID. No. 4.

7. (Once amended) The isolated nucleic acid of claim 6, wherein [the subsequence]said polynucleotide sequence is SEQ. ID. No. 4.

Sub E¹ D² 8. (Once amended) ~~The isolated nucleic acid of claim 1, wherein [the subsequence]said polynucleotide sequence [specifically] hybridizes under stringent conditions to a complement of SEQ. ID. No. 5.~~

9. (Once amended) The isolated nucleic acid of claim 8, wherein [the subsequence]said polynucleotide sequence is SEQ. ID. No. 5.

10. (Once amended) The isolated nucleic acid of claim 1, wherein [the subsequence]said polynucleotide sequence [specifically] hybridizes under said stringent conditions to a complement of SEQ. ID. No. 6.

11. (Once amended) The isolated nucleic acid of claim 10, wherein [the subsequence]said polynucleotide sequence is SEQ. ID. No. 6.

12. (Once amended) The isolated nucleic acid of claim 1, wherein [the subsequence]said polynucleotide sequence [specifically] hybridizes under said stringent conditions to a complement of SEQ. ID. No. 7.

13. (Once amended) The isolated nucleic acid of claim 12, wherein [the subsequence]said polynucleotide sequence is SEQ. ID. No. 7.

14. (Once amended) The isolated nucleic acid of claim 1, wherein [the subsequence]said polynucleotide sequence [specifically] hybridizes under said stringent conditions to a complement of SEQ. ID. No. 8.

15. (Once amended) The isolated nucleic acid of claim 14[, 16, 18, 20,] wherein [the subsequence]said polynucleotide sequence is SEQ. ID. No. 8.

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16. (Once amended) The isolated nucleic acid of claim 1, wherein [the subsequence]said polynucleotide sequence [specifically] hybridizes under said stringent conditions to a complement of SEQ. ID. No. 9.

17. (Once amended) The isolated nucleic acid of claim 16, wherein [the subsequence]said polynucleotide sequence is SEQ. ID. No. 9.

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18. (Twice amended) The isolated nucleic acid of 45, wherein said [nucleic acid] polynucleotide sequence [specifically] hybridizes under said stringent conditions to a complement of SEQ. ID. No. 10.

19. (Twice amended) The isolated nucleic acid of claim 18, wherein said [nucleic acid] polynucleotide sequence is SEQ. ID. No. 10.

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45. (Once amended) The isolated nucleic acid of claim 1 wherein said nucleic acid has a length [of at least] greater than about 50 nucleotides.

Please add new claims 47-63 as follows:

--47. (New) An isolated nucleic acid molecule comprising a promoter operably linked to a polynucleotide sequence selected from the group consisting of SEQ. ID. No. 2, SEQ. ID. No.3, SEQ. ID. No.4, SEQ. ID. No.5, SEQ. ID. No.6, SEQ. ID. No.7, SEQ. ID. No.8, SEQ. ID. No.9, SEQ. ID. No.10, and SEQ. ID. No. 12.

48. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 2.

49. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 3.

50. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 4.

51. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 5.

DS 52. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 6.

53. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 7.

54. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 8

55. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 9.

56. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 10.

57. (New) The polynucleotide molecule of claim 47, wherein said promoter is operably linked to a nucleic acid having the sequence of SEQ. ID. No: 12.

58. (New) An isolated nucleic acid molecule comprising a polynucleotide sequence that hybridizes under stringent conditions to a sequence or to a complement of a sequence selected from the group consisting of SEQ. ID. NO. 2, SEQ. ID. NO.3, and SEQ ID NO: 12, wherein said stringent conditions comprise a 0.02 molar salt concentration and a temperature of at least 60°C.

59. (New) The isolated nucleic acid of claim 58, wherein said polynucleotide sequence hybridizes under said stringent conditions to a complement of SEQ. ID. No. 2.

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60. (New) The isolated nucleic acid of claim 58, wherein said polynucleotide sequence hybridizes to a complement of SEQ. ID. No. 3.

61. (New) The isolated nucleic acid of claim 58, wherein said polynucleotide sequence hybridizes to a complement of SEQ. ID. No. 12.

62. (New) The isolated nucleic acid of claim 61, wherein said polynucleotide sequence is SEQ. ID. No. 12.

63. (New) The isolated nucleic acid of claim 58, wherein said nucleic acid is labeled.--

REMARKS

Status.

Claims 1, 6-19, 23, and 45-63 are pending and under consideration with entry of this amendment, claims 2-5, and 22 being canceled and new claims 47-63 being added herein. Claims 1, 6-19, and 45 are amended herein. These amendments introduce no new matter. Support is replete throughout the specification. For example, support for hybridization conditions is found at page 6, lines 17-21, support for labeled probes is found at pages 26 and 27.